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IN RE PATENT APPLICATION OF:

FISCHER

TITLE: **ADAPTIVE INTERFERENCE CANCELLATION FOR ADSL**

January 29, 2002

SUBMISSION OF FORMAL DRAWINGS

Director of the US Patent & Trademark Office
Washington, DC 20231

Sir:

Please accept the herewith 10 sheets of formal drawings on A4 size paper of Figures 1 through 12, which are in lieu of the informal drawings filed earlier.

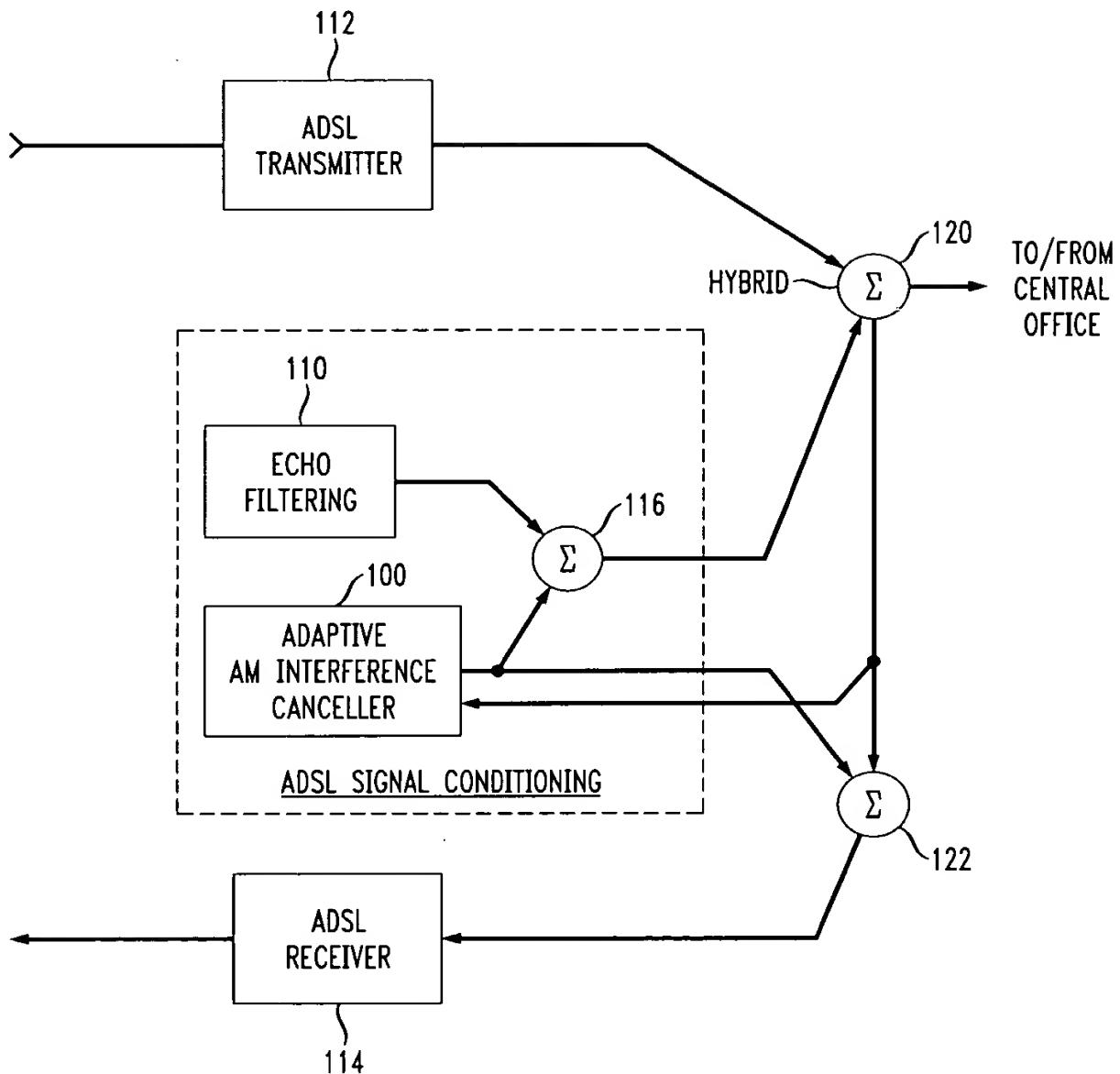
Respectfully submitted,

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1/10

FIG. 1



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FIG. 2

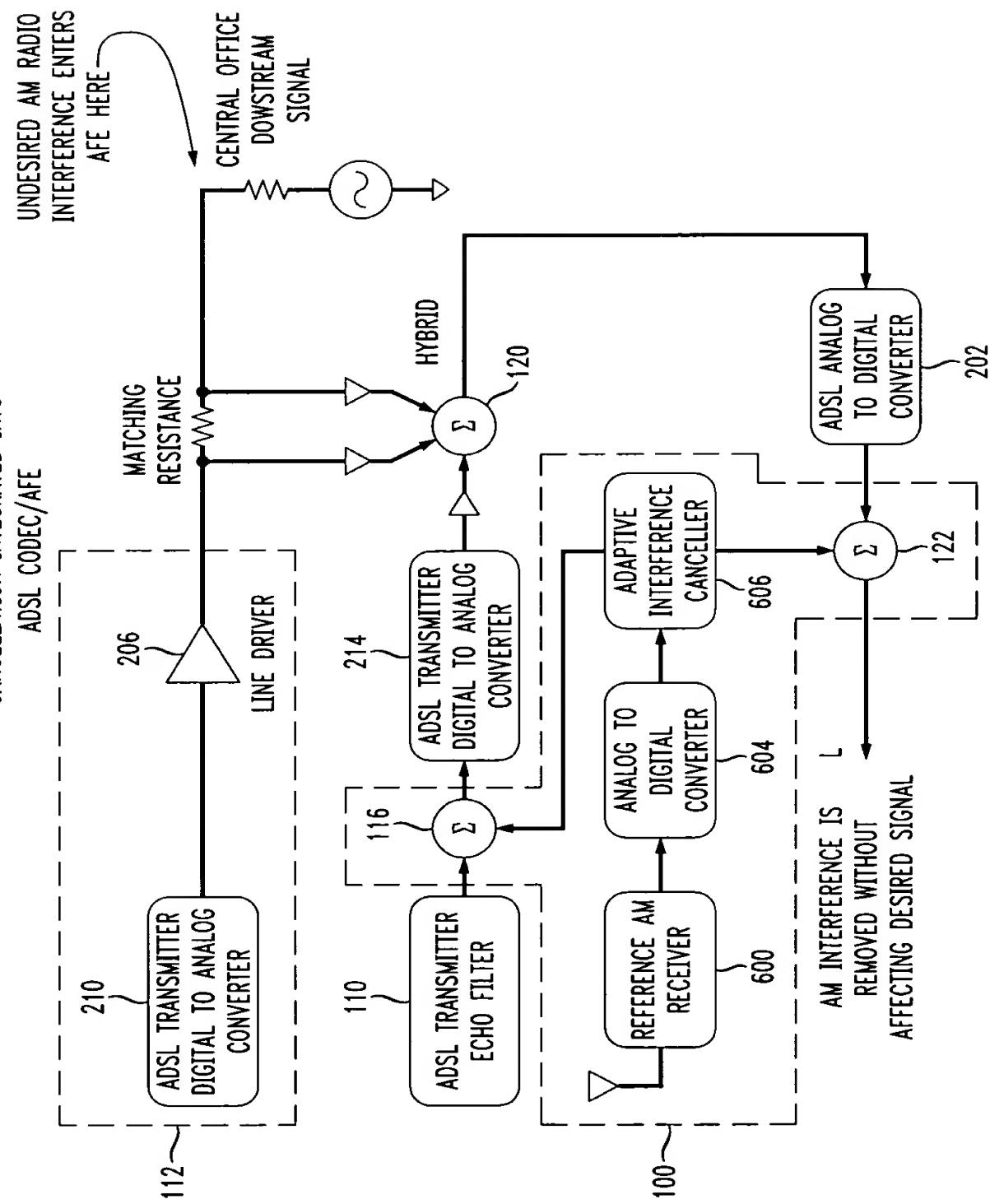
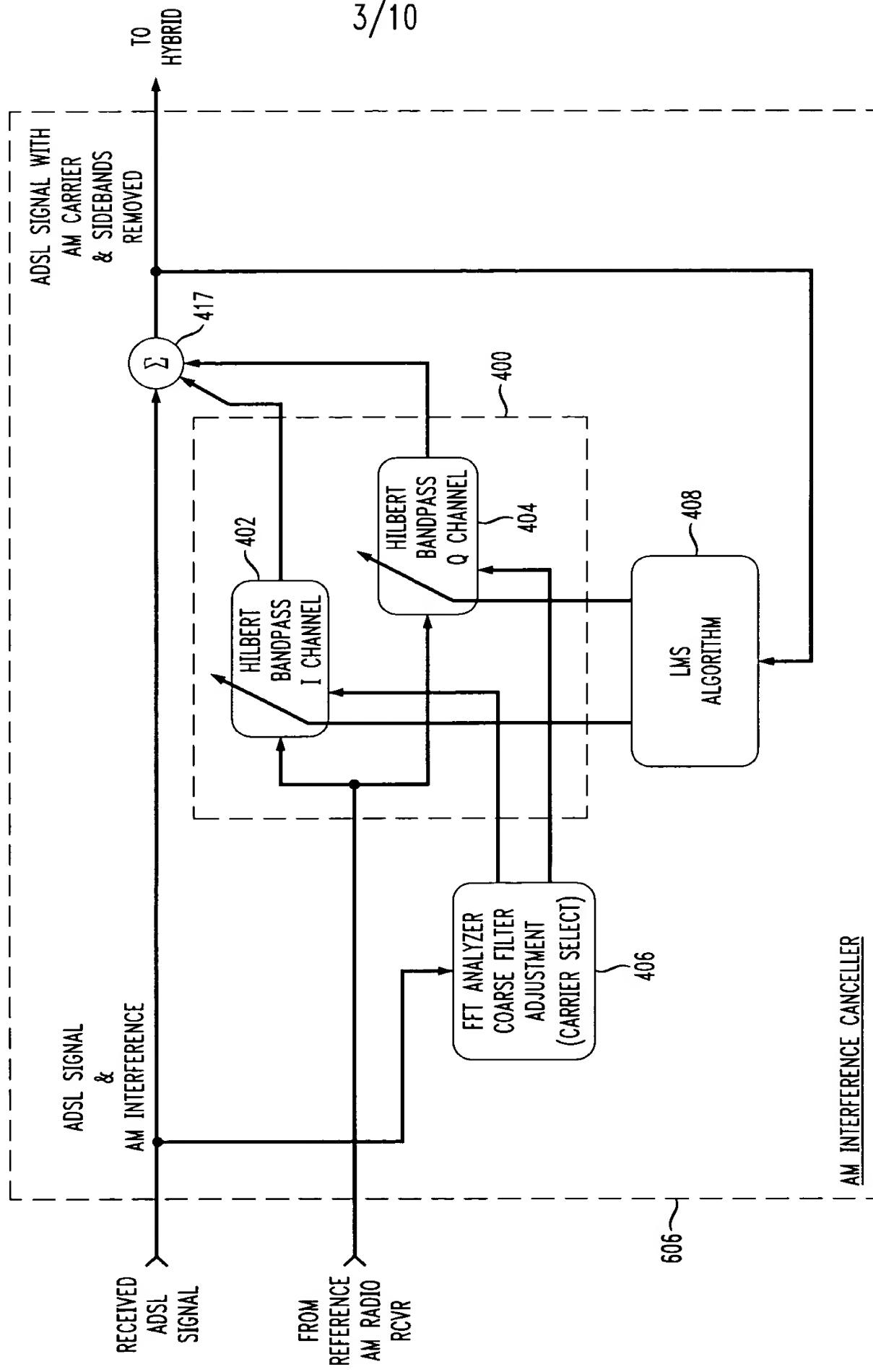


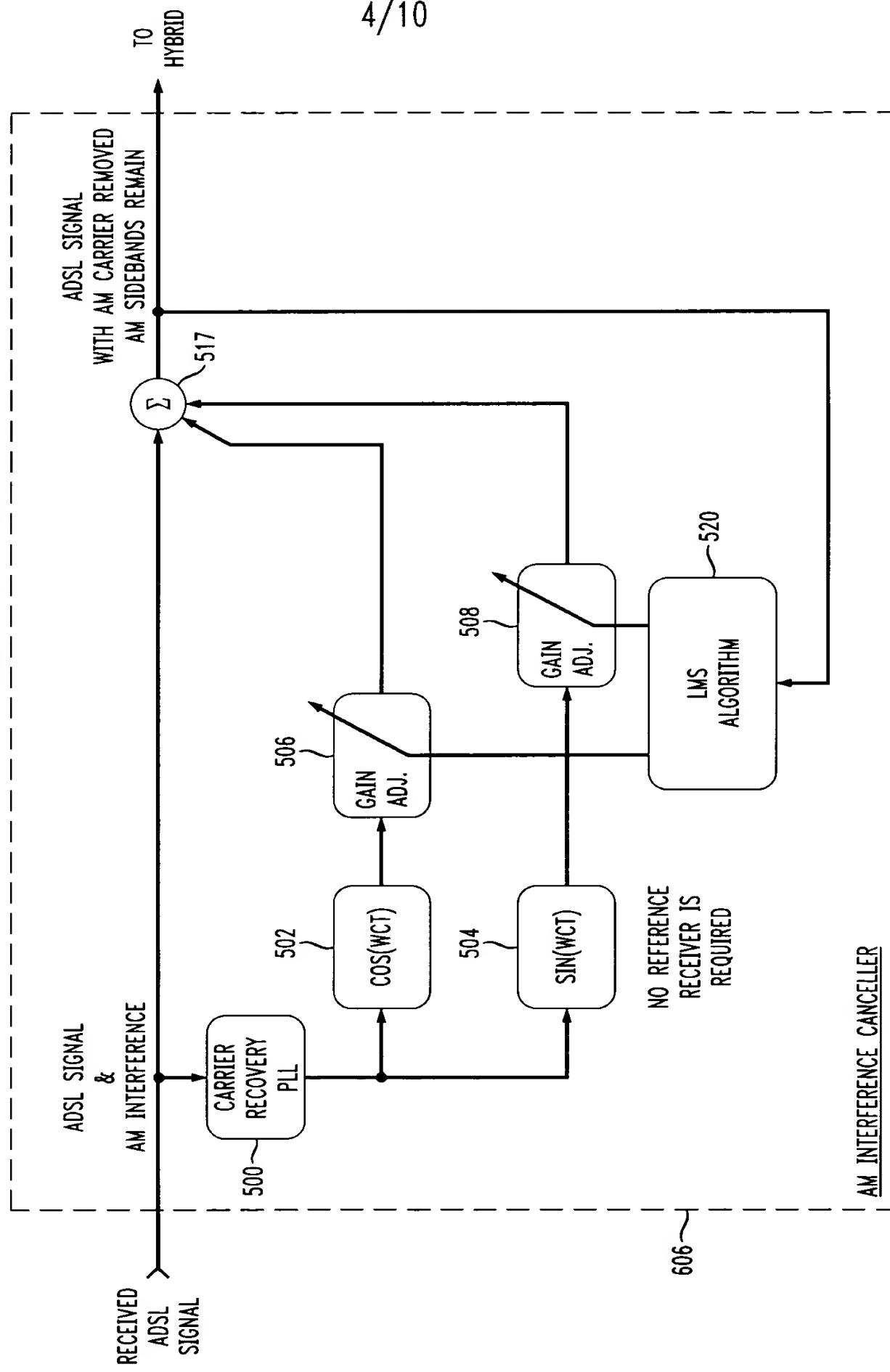
FIG. 3

AM RADIO CARRIER & SIDEBANDS ADAPTIVE
INTERFERENCE CANCELLATION

3/10

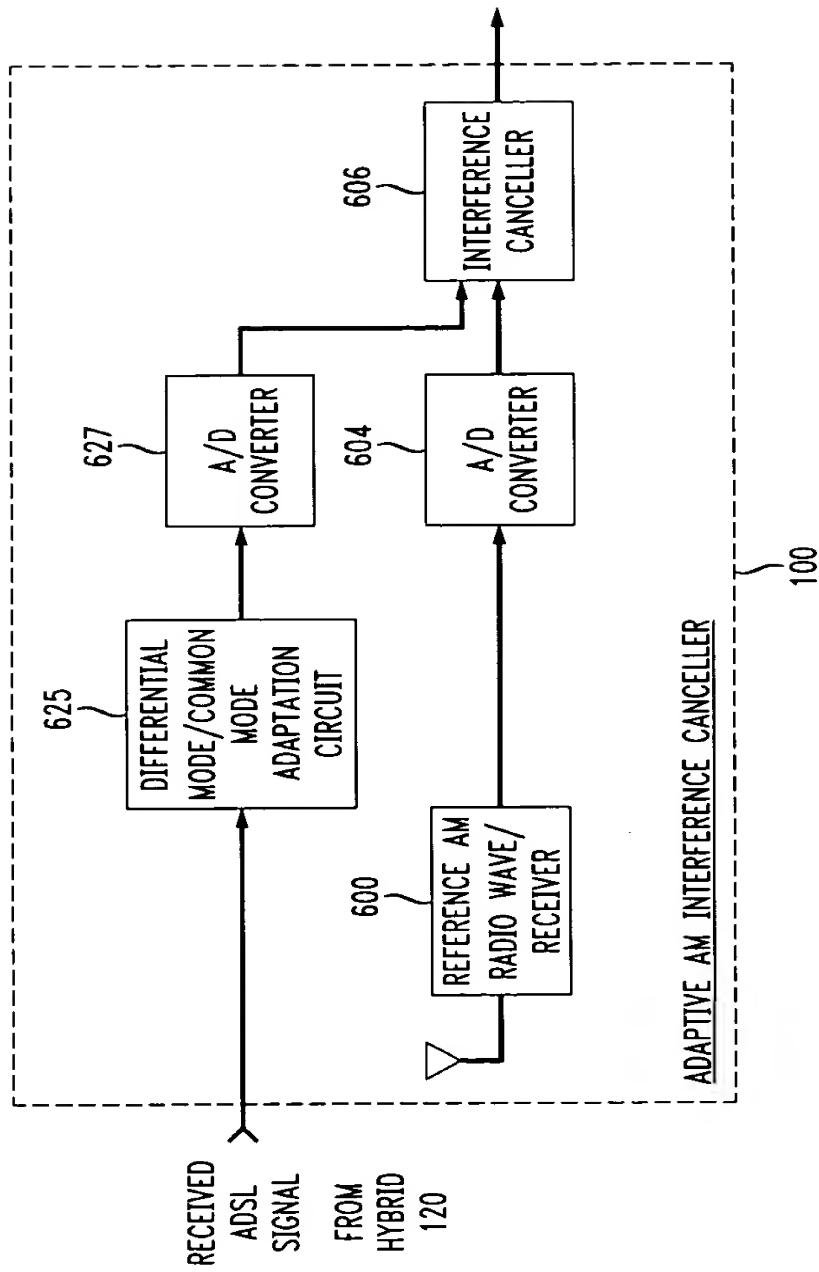
4/10

FIG. 4

CARRIER ONLY ADAPTIVE
INTERFERENCE CANCELLATION

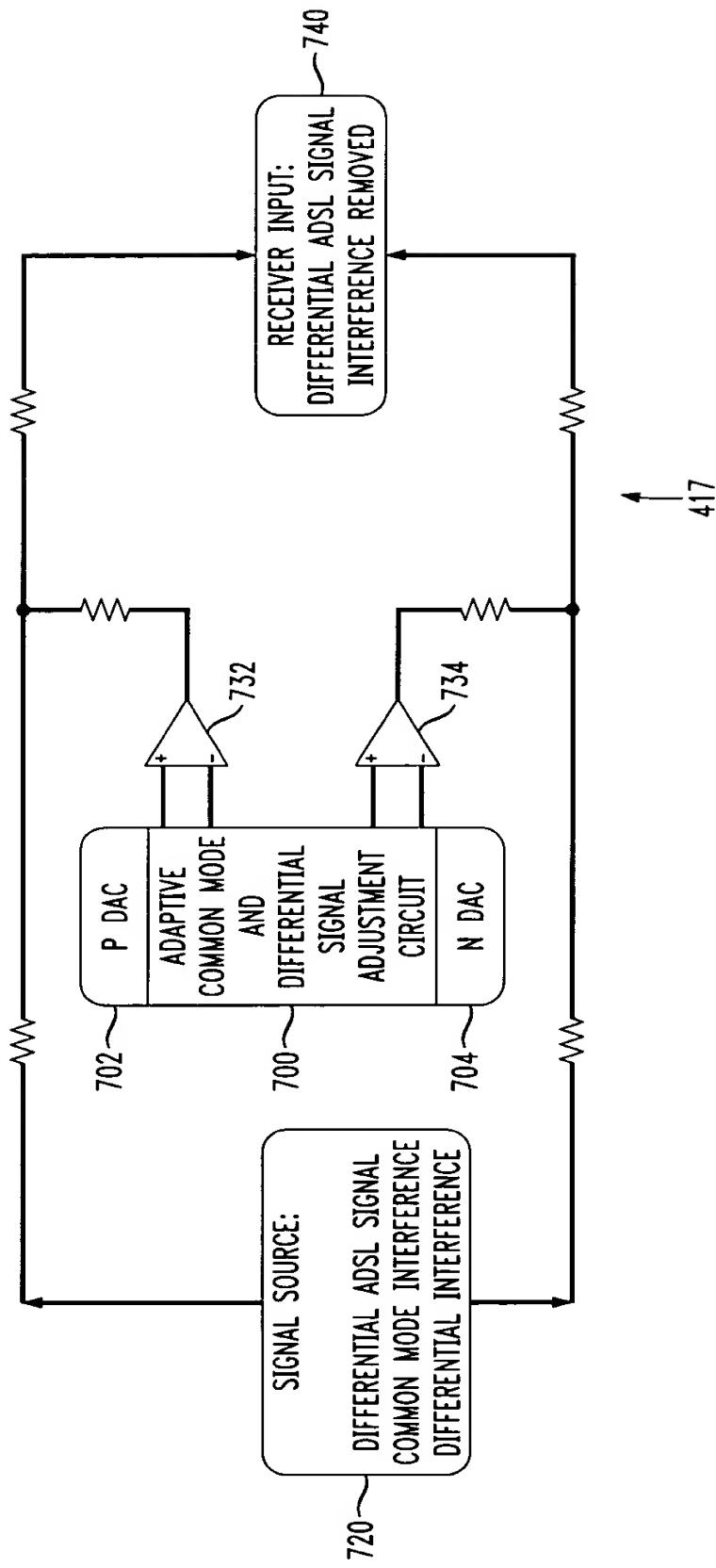
5/10

FIG. 5



6/10

FIG. 6
DIFFERENTIAL MODE/COMMON MODE
ADAPTATION CIRCUIT



7/10

FIG. 7

TRADITIONAL ANALOG BANDWIDTH USAGE

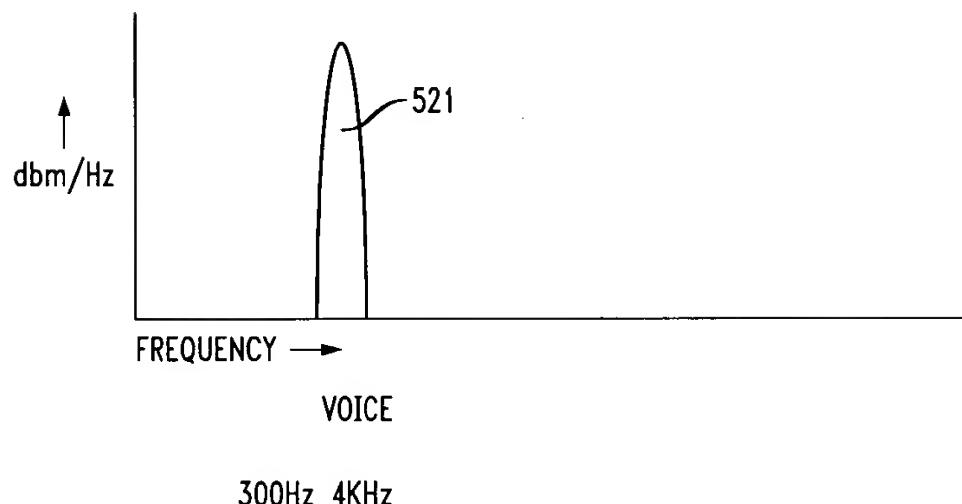
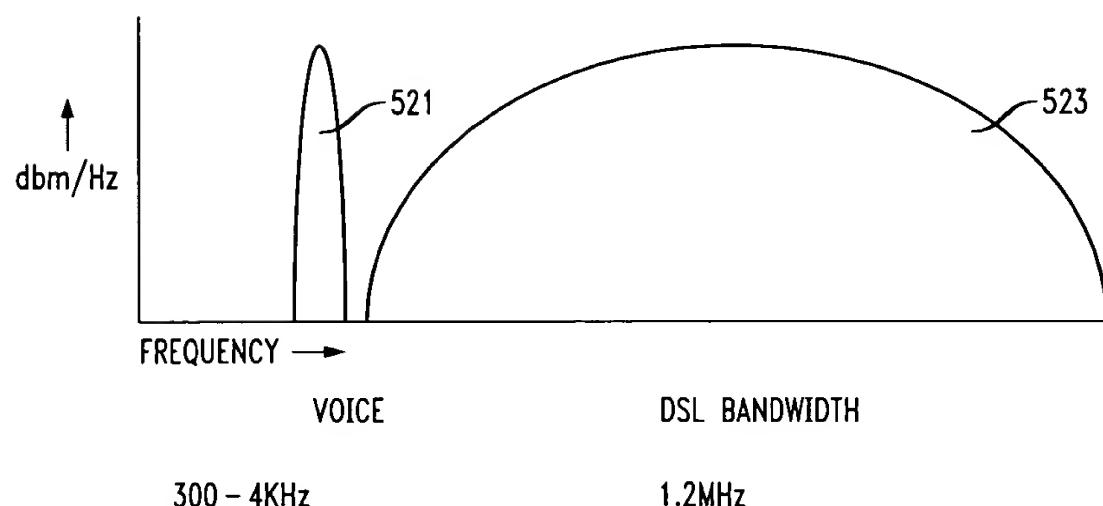


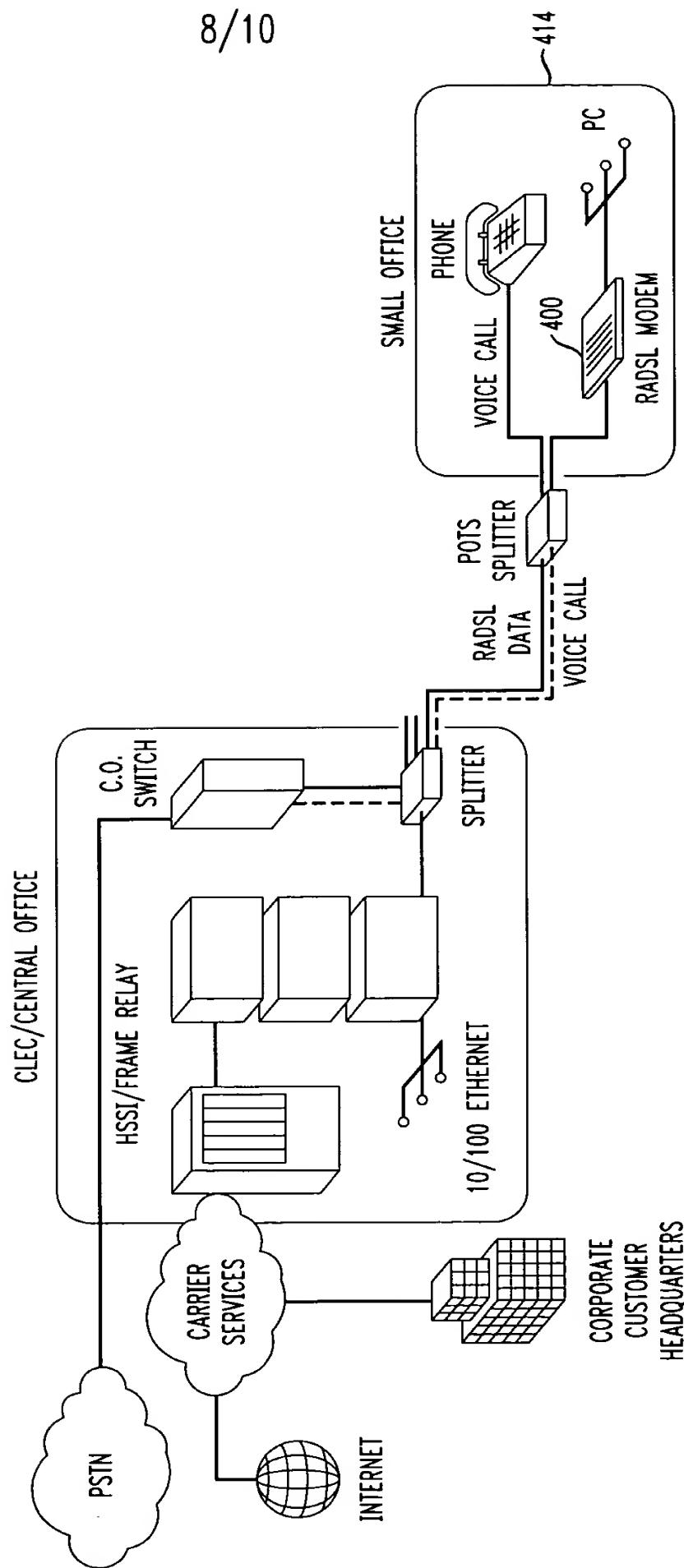
FIG. 8

DSL BANDWIDTH USAGE



8/10

FIG. 9
PRIOR ART



9/10

FIG. 10

SPECTRAL DISTRIBUTION OF RADSL CAP

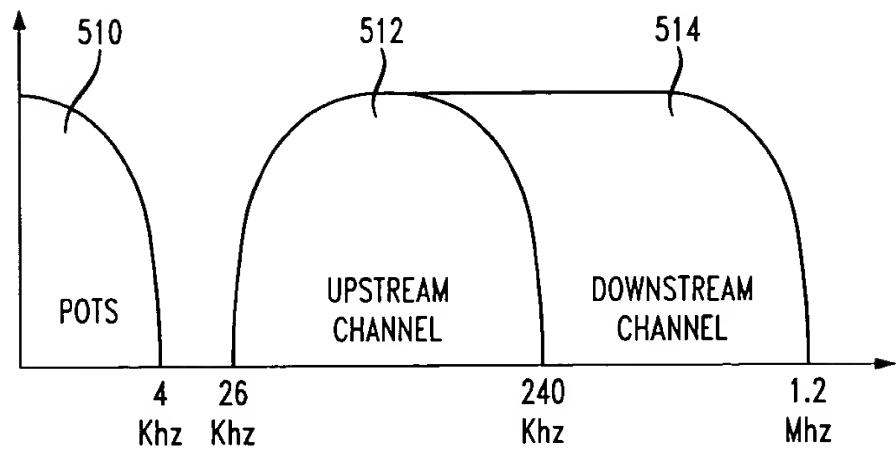
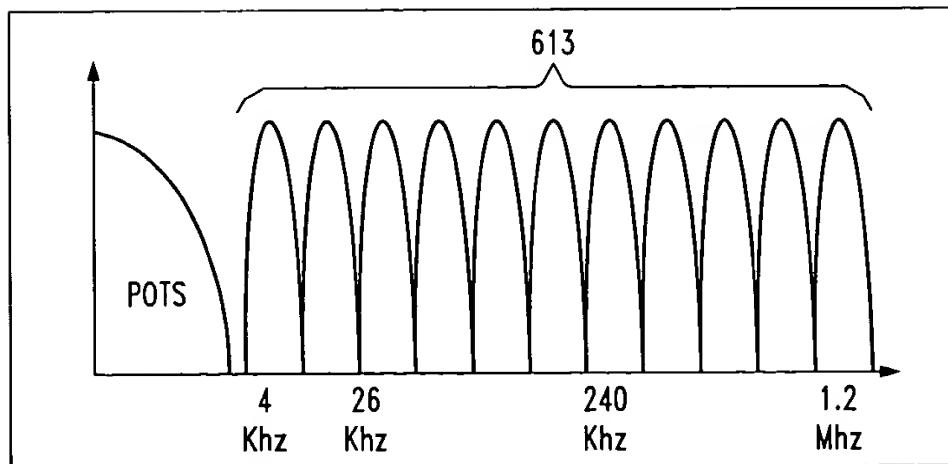


FIG. 11

SPECTRAL DISTRIBUTION OF RADSL-DMT



10/10

FIG. 12

